Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP017989.D
Acq On : 09 Nov 2023 15:35
Operator : MA/JU
Sample : SSTD02048
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020612

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 09 22:00:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 21:43:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	59456	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	243978	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	158927	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	366043	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	372835	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	414045	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	12340	7.105	ng/uL	0.00
4) Pyridine-d5	3.681	84	83159	18.422	ng/ul	0.00
7) Phenol-d5	7.034	99	98277	17.589	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	61890	18.286	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	79989	17.892	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	78747	17.572	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	38193	17.481	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	42947	17.662	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	79036	18.144	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	109786	18.391	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	265999	18.207	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	287077	18.329	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	34317	16.038	ng/ul	0.00
60) Fluorene-d10	15.545	176	221034	18.253	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	44116	17.260	ng/ul	0.00
73) Anthracene-d10	17.422	188	357549	18.230	ng/ul	0.00
81) Pyrene-d10	19.675	212	442499	18.441	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.798	264	436939	18.156	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	13716m	7.101	ng/uL	
5) Pyridine	3.699	79	85195	18.385	ng/ul	100
6) Benzaldehyde	7.034	77	65221	21.207	ng/ul	100
8) Phenol	7.063	94	97204	17.667	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.311	93	78994	18.191	ng/ul	100
12) 2-Chlorophenol	7.422	128	81113	17.837	ng/ul	100
13) 2-Methylphenol	8.322	108	73442	17.810	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	92826m	18.448	ng/ul	
16) Acetophenone	8.722	105	130693	18.238	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.687	70	69654	17.747	ng/ul	100
18) 4-Methylphenol	8.652	108	79422	17.761	ng/ul	100
19) Hexachloroethane	8.922	117	38885	17.887	ng/ul	100
22) Nitrobenzene	9.116	77	108491	18.250	ng/ul	100
23) Isophorone	9.622	82	190032	18.055	ng/ul	100
25) 2-Nitrophenol	9.816	139	45923	18.366	ng/ul	100
26) 2,4-Dimethylphenol	9.857	107	95100	17.793	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.116	93	107382	18.071	ng/ul	100
29) 2,4-Dichlorophenol	10.340	162	74459	17.826	ng/ul	100
30) Naphthalene	10.740	128	265627	17.956	ng/ul	100
32) 4-Chloroaniline	10.893	127	104909	18.369	ng/ul	100
33) Hexachlorobutadiene	10.957	225	56760	18.290	ng/ul	100
34) Caprolactam	11.740	113	24027m	18.025	ng/ul	
35) 4-Chloro-3-methylphenol	12.004	107	91812	18.460	ng/ul	100
36) 2-Methylnaphthalene	12.351	142	181855	17.985	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	185344	17.993	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.704	216	98494	18.277	ng/ul	100
40) Hexachlorocyclopentadiene	12.640	237	39722	15.417	ng/ul	100
41) 2,4,6-Trichlorophenol	12.969	196	64197	18.322	ng/ul	100
42) 2,4,5-Trichlorophenol	13.051	196	67916	18.363	ng/ul	100
43) 1,1'-Biphenyl	13.369	154	245898	18.197	ng/ul	100
44) 2-Chloronaphthalene	13.422	162	195265	18.266	ng/ul	100
45) 2-Nitroaniline	13.675	65	62994	18.628	ng/ul	100
47) Dimethylphthalate	14.010	163	267185	18.128	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	50439	18.225	ng/ul	100
50) Acenaphthylene	14.269	152	328325	18.304	ng/ul	100
51) 3-Nitroaniline	14.510	138	47947	18.624	ng/ul	100
52) Acenaphthene	14.610	153	216095	18.130	ng/ul	100
53) 2,4-Dinitrophenol	14.728	184	23385	15.814	ng/ul	100
55) 4-Nitrophenol	14.810	109	52999	18.283	ng/ul	100
56) Dibenzofuran	14.945	168	299942	18.230	ng/ul	100
57) 2,4-Dinitrotoluene	14.957	165	77964	18.418	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.169	232	60065	18.314	ng/ul	100
59) Diethylphthalate	15.369	149	347015	14.630	ng/ul	100
61) Fluorene	15.598	166	250271	18.036	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.592	204	121032	17.769	ng/ul	100
63) 4-Nitroaniline	15.687	138	46154	18.939	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.710	198	48317	18.045	ng/ul	100
67) N-Nitrosodiphenylamine	15.822	169	212328	18.111	ng/ul	100
68) 4-Bromophenyl-phenylether	16.498	248	74060	18.531	ng/ul	100
69) Hexachlorobenzene	16.581	284	80717	17.816	ng/ul	100
70) Atrazine	16.781	200	76989	18.977	ng/ul	100
71) Pentachlorophenol	16.957	266	48240m	17.336	ng/ul	
72) Phenanthrene	17.369	178	411960	18.081	ng/ul	100
74) Anthracene	17.457	178	416756	18.092	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.322	216	99230	18.068	ng/uL	100
76) Pentachlorobenzene	14.840	250	96968	17.968	ng/uL	100
77) Carbazole	17.757	167	375125	18.859	ng/ul	100
78) Di-n-butylphthalate	18.263	149	477926	17.865	ng/ul	100
80) Fluoranthene	19.345	202	504007	18.148	ng/ul	100
82) Pyrene	19.704	202	529294	18.032	ng/ul	100
83) Butylbenzylphthalate	20.575	149	230174	18.108	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.380	252	168363	19.057	ng/ul	100
85) Benzo(a)anthracene	21.433	228	546499	18.233	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.310	149	319858	17.946	ng/ul	100
87) Chrysene	21.492	228	508495	18.011	ng/ul	100
89) Di-n-octyl phthalate	22.274	149	554604	17.647	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	547768	18.408	ng/ul	100
91) Benzo(k)fluoranthene	23.233	252	533810	17.973	ng/ul	100
93) Benzo(a)pyrene	23.851	252	509343	18.159	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.633	276	596279	17.936	ng/ul	100
95) Dibenzo(a,h)anthracene	26.657	278	490433	17.843	ng/ul	100
96) Benzo(g,h,i)perylene	27.468	276	479925	18.090	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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